2006 Compliance Monitoring Field Forms

The following forms are being used to evaluate Riparian Management and Road Activity rules in Western Washington. Questions were developed from the Washington State Forest Practice rules WAC 222-30, Timber Harvest, and WAC 222-24, Road Construction and Maintenance sections. The packet includes A Pre-Survey Information Form, five Riparian Management Activity Forms, seven Road Activity Forms, and a Final Post Survey Evaluation Form. These forms may be modified or updated for the 2007 Compliance Monitoring field season.

Westside Form #1 **Pre-Survey**

	EDA //	I D. /	T T 1		
	FPA#	Date:	Location-Legal	Activities Complete: Y/N/U	Ownership: Public / SFLO
	Class				/ Industrial
	DNR Survey Lead:	DOE Survey Rep:	WDFW Survey Rep:	Other Attendees:	Other Attendees:
				Representing:	Representing:
	Other Attendees:	Other Attendees:	Other Attendees:		
	Representing	Representing	Representing		
Use RM2	z: S or F: No Inner S or F: Option 1 S or F: Option 2	Zone Harvest – Fo – Form #3 – Form #4 Ns – 1	Roam #2	d Activities: Road ConstructionRoad MaintenanceRoad AbandonmentLandingsPermanent Crossing:Temp. Crossings/TyFords on Type N wa	Form #7 Form #8 Form #9 Form #10 s/Type N Form #11 pe N Form #12
	•	·	XX (always needed) Survey: (As reporte	ed on FPA)	
		-	• , -		
Тур	e S or F RMZ—For	2006, Segments w	ill be the first segmer	nt listed on the FPA (ex	cample 1 or A)
Strea	am Segment Identifi	er or Location			
Harv	vest in Inner Zone: Y	Y / N Zone Require	ements: Inner Z	one Width Outer	Zone Width
Site	Class on FPA/N:	I / II / III / IV	V / V Site Class of	n FPARS: I / II / III / I	V / V
Strea Core Opti Opti Oute	e Zone Basal Area: _ on 1 Max dbh for th on 2 Total leave tree or Zone Basal Area (MZs) on FPA: >1 ft²/acre in: " dbh es required: Credit for: CMZ	Dominant C Option 2 Fl Inner Zone / LWD / Floor Zone	Stream Length: Canopy: Douglas fir oor Width: ft Outer Zone (Option 2 Only) itive Area / Clumped	/ Hemlock

Westside Form #1 (cont'd)

Type Np RMZ	
Stream Segment Identifier or Location (To be indicated on activity map, furthest North or East)): Harvest within 50' of bfw: Yes / No Length of Np Water: ft	
Water Type Modification info on FPA: Y/N	
Sensitive Features: 50' Headwall Seep Side-slope Seep Headwall Spring	
Type Ns RMZ	
Stream Segment Identifier or Location (To be indicated on activity map, furthest North or East) Water Type Modification info on FPA: Y/N	
Road Activities	
(Maps from FPA should be brought on Survey to Guide Analysis) Total Length of New Road Construction on FPA: ft Road Maintenance on FPA: Yes / No	
Water Crossings: Bridge / Culvert / Temp Bridge / Temp Culvert / Ford	
Proximity of Road Work to Typed Water: In or Over / Potential to Deliver / No Potential to Deliver	
Number of Landings:	
Pre-Survey Communications:	—

Westside Form # 2 S or F RMZ: No Inner Zone Harvest FPA #_____ Date: ______

Signatura	Data
Comments:	
Attach any photo documentation to this form or send labeled photos with date, FP leslie.lingley@wadnr.gov (jpgs are okay as long as descriptions are attached.)	A #, and description to
13. If conifer weren't present, are trees clumped around sensitive features and at least 8 inches dbh, mixed conifer and/or deciduous, and representative of the trees around the sensitive feature.	Y / N / NA / NC
12. Were 20 conifer trees per acre \geq 12 inches dbh or next largest size available left?	Y/N/NA/NC
If No or NA to questions 8-11, was ONE of the following leave tree requirements m	net:
11. Did the landowner leave the appropriate number of leave trees as documented on the application after the CMZ exchange to satisfy the basal area exchange?	Y/N/NA/NC
10. Were there Outer Zone leave credits for excess basal area in the CMZ?	Y/N/NA/NC
9. If the landowner is getting credit for LWD trees, does he have at least 10 trees per acre > 12" dbh (8" dbh in sensitive sites) in the Outer Zone?	Y / N / NA / NC
8. Were there Outer Zone leave credits for a LWD placement strategy?	Y/N/NA/NC
7. Was the combined Core and Inner Zone the correct width?	Y/N/NA/NC
6. Was there any harvest in the Inner Zone?	Y/N/NA/NC
5. Was there any harvest in the Core Zone?	Y/N/NA/NC
4. If no, did the discrepancy influence the inner zone width (should the stream be > 10 ft bfw or ≤10 ft bfw?)	Y/N/NA/NC
3. Was the stream size reported on FPA consistent with the field observation?	Y/N/NA/NC
2. Was there a CMZ that was not reported on the FPA?	Y/N/NA/NC
1. Were unstable slopes with the potential to deliver bounded out of the sale?	Y/N/NA/NC.
Y= Yes, N=No, NA = Not applicable, NC =No consensus (Defer to FPF)	

Westside Form # 3 S or F RMZ: Inner Zone Harvest (Option 1) Thinning from below FPA #_____ Date: _____

Y= Yes, N=No, NA = Not applicable, NC =No consensus (Defer to FPF)	
1. Calculate the following percentage: (and include answers in positive or negative terms A-B x 100 A	%
A= stream length as reported on DFC worksheet B= stream length measured in field	
2. Was the stream length reported on the FPA's DFC worksheet within 10% of the measured value in the field?	Y/N/NA/NC
3. Was the stream size reported on FPA consistent with the field observation?	Y/N/NA/NC
4. If no, did the discrepancy influence the inner zone width (should the stream be > 10 ft bfw or ≤10 ft bfw?)	Y/N/NA/NC
5. Is the estimated basal area in the Core Zone the same as on the DFC Worksheet?	Y/N/NA/NC
6. If no to #6, then calculate the following percentage: (C-D) x100 C	%
C= basal area as reported on DFC worksheet D= basal area estimated in field	
7. Is the tree species composition consistent with the DFC Worksheet?	Y/N/NA/NC
8. Was there any harvest in the Core Zone?	Y/N/NA/NC
9. Was the Inner Zone buffer the correct width?	Y/N/NA/NC
10. Was there harvest in the Inner Zone of any trees larger than the thinning strategy allows? If yes, describe the situation in the comment section below	Y/N/NA/NC
11. Was there Outer Zone leave credits for a LWD placement strategy?	Y/N/NA/NC
12. If the landowner is getting credit for LWD trees, does he have at least 10 trees per acre ≥ 12" dbh (8" dbh in sensitive sites) in the Outer Zone?	Y/N/NA/NC
13. Were there Outer Zone leave credits for excess basal area in the CMZ?	Y/N/NA/NC
14. Did the landowner leave the appropriate number of leave trees as documented on the application after the CMZ exchange to satisfy the basal area exchange?	Y/N/NA/NC

Turn over and complete Side 2

Westside Form #3 (cont'd)

If No or NA to questions 11-15, was ONE of the following leave tree requirements n	
16. Were 20 conifer trees per acre \geq 12 inches dbh or next largest size available?	Y/N/NA/NC
17. If conifer weren't present, are trees clumped around sensitive features and at least 8 inches dbh, mixed conifer and/or deciduous, and representative of the trees around the sensitive feature?	Y/N/NA/NC
Attach any photo documentation to this form or send labeled photos with date, FPA <u>leslie.lingley@wadnr.gov</u> (jpgs are okay as long as descriptions are attached.)	A #, and description to
Comments:	
SignatureDate	

Westside Form # 4

S or F RMZ: Inner Zone Harvest (Option 2) Leaving trees closest to the stream FPA #_____ Date: _____

Y= Yes, N=No, NA = Not applicable, NC =No consensus (Defer to FPF)	
1. Calculate the following percentage: (and include answers in positive or negative terms A-B x 100 A	s)%
A= stream length as reported on DFC worksheet B= stream length measured in field	
2. Was the stream length reported on the FPA's DFC worksheet within 10% of the measured value in the field?	Y/N/NA/NC
3. Was the stream size reported on FPA consistent with the field observation?	Y/N/NA/NC
4. If no to #3, did the discrepancy influence the inner zone width (should the stream be ≥10 ft bfw or ≤10 ft bfw)?	Y/N/NA/NC
5. Is the estimated basal area in the Core Zone the same as on the DFC Worksheet?	Y/N/NA/NC
6. If no to #5, then calculate the following percentage: (C-D) x100 C	
C= basal area as reported on DFC worksheet D= basal area estimated in field	
7. Is the tree species composition consistent with the DFC Worksheet?	Y/N/NA/NC
3. Was there any harvest in the Core Zone?	Y/N/NA/NC
9. Was there any harvest in the Floor Zone? If yes, describe the situation in the comment section below.	Y/N/NA/NC
10. Were 20 trees per acre \geq 12" dbh left in the outer portion of the Inner Zone?	Y/N/NA/NC
11. Were there Outer Zone leave credits for excess basal area in the Inner Zone?	Y/N/NA/NC
12. If yes to #11, is the number of Outer Zone leave trees in the field the same or greater than what is required in the DFC print out?	Y/N/NA/NC
13. Were there Outer Zone leave credits for a LWD placement strategy?	Y/N/NA/NC
14. If the landowner is getting credit for LWD trees, does he have at least 10 trees per acre ≥ 12" dbh (8" dbh in sensitive sites) in the Outer Zone?	Y/N/NA/NC

Turn over and complete Side 2

Westside Form #4 (cont'd)

15. Were there Outer Zone leave credits for excess basal area in the CMZ?	Y/N/NA/NC
16. Did the landowner leave the appropriate number of leave trees as documented on the application after the CMZ exchange to satisfy the basal area exchange?	Y/N/NA/NC
If No or NA to questions 11-16, was ONE of the following leave tree requirements in	net:
17. Were 20 conifer trees per acre \geq 12 inches dbh or next largest size available?	Y/N/NA/NC
18. If conifer weren't present, are trees clumped around sensitive features and at least 8 inches dbh, mixed conifer and/or deciduous, and representative of the trees around the sensitive feature?	Y/N/NA/NC
Attach any photo documentation to this form or send labeled photos with date, FPA leslie.lingley@wadnr.gov (jpgs are okay as long as descriptions are attached.)	A #, and description to
Comments:	
Signatura	Data

Westside Form #5 Ns or Np RMZ

FPA#	Date:

Y= Yes, N=No, NA = Not applicable, NC =No consensus (Defer to FPF)	
Ns Water RMZ	
1. Is there evidence of equipment entry into the 30 ft Equipment Limitation Zone? (A Yes answer does not necessarily indicate non-compliance)	Y / N / NA / NC
2. Was less than 10% of the soil exposed due to activities?	Y/N/NA/NC
3. If >10% of soil was exposed, were mitigation conditions employed and completed?	Y/N/NA/NC
4. Is the actual stream consistent with type reported FPA?	Y/N/NA/NC
5. If construction was necessary through the RMZ, was the disturbance of the bed and bank limited to that necessary for project construction?	Y / N / NA /NC
Np Water RMZ	
6. Was the appropriate length of 50 foot no harvest zone left on the given stream segment? Refer to template instructions for appropriate buffer lengths or WAC 222-30-021 (2)(b)(i-vii)	Y/N/NA/NC
7. Was the reported stream length within 10% of the length measured in the field? If not, you must provide explanation in comments below.	Y/N/NA/NC
8. Was all harvest away from alluvial fans?	Y / N / NA / NC
9. Was all harvest greater than 50 feet from headwall seeps and springs?	Y/N/NA/NC
10. Was all harvest greater than 56 feet from all pips, and the confluence of two or more Type Np streams?	Y/N/NA/NC
11. If construction was necessary through the RMZ, was the disturbance of the bed and bank limited to that necessary for project construction?	Y / N / NA /NC
Attach any photo documentation to this form or send labeled photos with date, FP <u>leslie.lingley@wadnr.gov</u> (jpgs are okay as long as descriptions are attached.)	A #, and description to
Comments: Use back of page if necessary	
SignatureDate_	

Westside Form #6 A or B WMZ and Forested Wetlands FPA #_____ Date: _____

Y= Yes, N=No, NA = Not applicable, NC =No consensus (Defer to FPF)	
1. Were the wetlands typed and sized appropriately on the ground? If no, explain in comment section of this form.	Y/N/NA/NC
2. Is the variable buffer width appropriate relative to the WMZ table in WAC 222-30-020 (7)(a)?	Y/N/NA/NC
3. Where operations were conducted within the WMZ, were the resulting openings less than 100 feet wide (as measured parallel to wetland edge)?	Y/N/NA/NC
4. Where operations were conducted within the WMZ, were the resulting openings no closer than 200 feet from each other (as measured parallel to wetland edge)?	Y/N/NA/NC
5. If no to questions 2-4, then calculate the following percentage:%	
<u>A-B X 100</u> A	
A= perimeter measurement of wetland in question B= measurement of length along the wetland that does not meet the requirement of the Rule	
Is the resulting percentage greater than 10%?	Y/N/NA/NC
6. Within the WMZ, are there a total of 75 trees per acre > 6" dbh?	Y/N/NA/NC
7. Of the 75 trees per acre in the WMZ, are at least 25 of these ≥12" dbh, where they exist?	Y / N / NA / NC
8. Of the 25 trees per acre in the WMZ that are ≥12" dbh, are at least 5 of these > 20" dbh+ where they exist?	Y/N/NA/NC
9. Are the leave trees in the WMZ representative of species found in the pre-harvest condition of the WMZ area (evaluate stumps)?	Y/N/NA/NC
10. Were any ground based harvesting systems used within the minimum WMZ without written approval of the Department?	Y/N/NA/NC
11. For harvest units of 30 acres or less of clear cut or 80 acres or less of partial cut AND 10% of the unit is within a WMZ, was there more than 50% of the tree requirements mentioned in questions 3-5 left in the WMZ?	Y / N / NA / NC

Turn over and complete Side 2

Westside Form #6 (cont'd)

Signature	Dat	e
Comments:		
Attach any photo documentation to this form of leslie.lingley@wadnr.gov (jpgs are okay as lon		PA #, and description to
14. If a forested wetland exists within the boundar the area of the wetland is greater than 3 ac boundaries determined by the applicant?		Y/N/NA/NC
to low impact harvest or cable systems?		
13. If harvest occurred within forested wetlands, t	hen was the harvest method limited	Y/N/NA/NC
12. If any timber was felled into or cable yarded a was there written approval of the Departm	• •	Y/N/NA/NC

Eastern and Western Washington Form # 7 Road Construction

FPA #	Date:	
		

Y= Yes, N=No, NA = Not applicable, NC =No consensus (Defer to FPF)	
*= Pertains to water quality protection. If no water then this should be checked as	NA
1. Was water typed correctly on all waters using either physical criteria or a water type change form?	Y / N / NA /NC
2. Was all diverted water returned to the basin from which it came?	Y/N/NA/NC
3. Were drainage structures installed at locations of seeps and springs to route water under the road prism to the forest floor to return hydrologic connectivity?	er Y / N / NA /NC
*4. Does new road construction minimize stream crossings?	Y/N/NA/NC
5. Do roads run across typed water at a right angle?	Y/N/NA/NC
6. When stream crossings were required, were alterations to natural features minimized?	Y/N/NA/NC
7. Were all bogs or low nutrient fens completely avoided?	Y/N/NA/NC
8. Was there any road construction in a WMZ?	Y/N/NA/NC
9. If #8 is yes, was the road prism and road length minimized in the WMZ?	Y/N/NA/NC
10. If > .5 acre of a wetland were filled or drained due to activities, was the required replacement by substitution or enhancement completed?	Y / N / NA /NC
*11. Was sediment delivery minimized?	Y / N / NA /NC
*12.Were erodible soils disturbed during construction stabilized to prevent the potential to deliver to typed waters?	Y / N / NA /NC
*13. Were roads outsloped, insloped, crowned, ditched or bermed to prevent sediment delivery?	Y / N / NA /NC
*14. Were cross drains, sediment traps, ditchouts, water bars, or other Best Management Practices utilized to prevent sediment delivery?	Y/N/NA/NC
*15. Were all relief structures ≥ 18 inches in diameter in Western Washington or ≥ 15 inches in Eastern Washington ?	Y / N / NA /NC
*16. Where ditch out and relief culverts have been employed, were diversion structures placed close enough to the stream to divert most sediment to the forest	Y / N / NA /NC floor?

Eastern and Western Washington Form #7 (cont'd)

Signature:	Date
Comments:	
Complete Road Abandonment Form #8 for any roads that were temporary	y and abandoned.
Attach any photo documentation to this form or send labeled photos with date, Fleslie.lingley@wadnr.gov (jpgs are okay as long as descriptions are attached.)	PA #, and description to
26. If yes, was the road abandoned by that date?	Y / N / NA /NC
25. Was the road abandonment date identified on the FPA?	Y / N / NA /NC
24. Did the road design and culverts provide the same level of protection for public resources as required by the rules during the length of its use?	Y / N / NA /NC
23. Was the road constructed in a manner to facilitate closure and abandonment when the intended use is completed?	Y / N / NA /NC
Temporary Roads 22. Was the road designed and permitted to be temporary?	Y / N / NA /NC
*21. Do relief structures efficiently capture and pass ditch-line flow?	Y / N / NA /NC
*20. Were rock armor headwalls and rock armored ditchblocks installed for drainage structure culverts located on erodible soils where the road has a gradient greater than 6%?	Y / N / NA /NC
*19. If road construction produced end haul materials, were they placed in stable areas to prohibit the entry of material into the 100-year flood plain?	Y / N / NA /NC
*18 Where the potential for sediment delivery existed, was full bench construction utilized for roads built on slopes greater than 60%?	Y / N / NA /NC
*17. When water was routed to erodible soils, were relief culverts appropriately armored and/or vegetated to minimize scour?	Y / N / NA /NC

Eastern and Western Washington Form # 8 Road Maintenance

FPA #	Date:
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Y= Yes, N=No, NA = Not applicable, NC =No consensus *= Pertains to water quality protection. If no water then this should be checked as	s NA
1. If the department had conditioned that additional and/or larger water structures be installed, was this completed?	Y/N/NC/NA
2. Is the road surface maintained to direct groundwater that is captured by the road surface onto stable portions of the forest floor?	Y/N/NC/NA
3. During general maintenance of stream adjacent parallel roads, was all down wood blocking vehicle passage placed on the side of the road closest to w	Y / N / NC / NA ater?
*4. Are drainage structures functional?	Y/N/NC/NA
*5. Is groundwater captured in the ditchline diverted onto stable portions of the forest floor by using ditchouts, culverts or drivable dips?	Y/N/NC/NA
*6. Is road grade maintained to minimize erosion of the surface and subgrade?	Y/N/NC/NA
*7. During and on completion of log, pulp, rock, and chip haul, or specialized forest products, and road building, has the road surface been crowned, outsloped or water barred?	Y / N / NC / NA
*8. Were berms removed except those designed for fill protection?	Y/N/NC/NA
*9 Is the road surface maintained to minimize direct sediment entry to typed water?	Y/N/NC/NA
Attach any photo documentation to this form or send labeled photos with date, FP leslie.linglev@wadnr.gov (jpgs are okay as long as descriptions are attached.)	A #, and description to
Comments:	
Signature	Date

Eastern and Western Washington Form #9 Road Abandonment

FPA #	Date:	
Y= Yes, N=No, NA = Not applicable, NC =No consens *= Pertains to water quality protection. If no wate		s NA
*1. Were roads out-sloped, water barred, or otherwise suitable to control erosion and maintain water and natural drainages?		Y / N / NA / NC
*2. Were ditches left in a suitable condition to reduce	erosion?	Y/N/NA/NC
3. Was the road blocked so that four-wheel highway v closure at the time of abandonment?	rehicles cannot pass the point of	Y/N/NA/NC
*4. Were water crossing structures and fills on all type except where the department has determined of adequate protection to public resources?		Y/N/NA/NC
Attach any photo documentation to this form or se leslie.lingley@wadnr.gov (jpgs are okay as long as	<u> </u>	•
Comments:		
Signature	Date	

Eastern and Western Washington Form #10 Landings FPA #_____ Date: _____

Y= Yes, N=No, NA = Not applicable, NC =No consensus (Defer to FPF) *= Pertains to water quality protection. If no water then this should be checked as N	NA
*1. Was the sidecast or fill used for the landing no larger than reasonably necessary for safe operations?	Y/N/NA/NC
2. Were truck roads, skid trails, and fire trails outsloped or cross drained uphill from landings and the water diverted to the forest floor away from the toe of the landing	Y/N/NA/NC g?
*3. Were appropriate efforts made to direct drainage away from the landing to minimize water accumulation on the landing?	Y/N/NA/NC
*4. Was the landing sloped to keep water from collecting on the operational surface?	Y/N/NA/NC
*5. Where there was a high potential for excavated materials to enter a WMZ, Y / N / NA the bankfull width of any stream, or the 100-year floodplain, did the landowner endhaul the materials?	A / NC
*6. Was the location of the landing outside of natural drainage channels, CMZs, RMZs, (both F and N), Type A or B wetlands, and WMZs?	Y/N/NA/NC
7. Are there any spoils located within the boundaries of Type A or B wetlands, or within the boundaries of a forested wetland without written approval of the department?	Y / N / NA / NC
*8. Are there any piles of debris that are perched and pose a risk of delivering to typed typed waters?	Y/N/NA/NC
Attach any photo documentation to this form or send labeled photos with date, FPA leslie.Lingley@wadnr.gov (jpgs are okay as long as FPA # and descriptions are atta	
Comments:	
Signature Data	
SignatureDate	

Eastern and Western Washington Form #11 Permanent Crossings on Type N Water FPA #_____ Date: _____

Y= Yes, N=No, NA = Not applicable, NC =No consensus (Defer to FPF) *= Pertains to water quality protection. If no water then this should be checked as	NA
1. Were alterations to the stream bed, bank or bank vegetation limited to that necessary for construction of the project?	Y/N/NA/NC
*2. Does the culvert, its embankments and fills have erosion protection to withstand a 100-year flood?	Y/N/NA/NC
3. Is the alignment and slope of the culvert on grade with the natural flow of the streambed?	Y/N/NA/NC
4. Are all permanent culverts at least 24-inches for Type Np waters?	Y/N/NA/NC
5. Are all permanent culverts at least 18 inches in Western Washington and 15 inches in Eastern Washington for Type Ns waters?	Y/N/NA/NC
6. Was slash or debris that reasonably may be expected to plug the culvert cleared for a distance of 50 feet above the culvert?	Y/N/NA/NC
*7. Was sediment delivery minimized?	Y/N/NA/NC
8. Did the entrance to all culverts have adequate catch basins and headwalls to minimize the possibility of erosion or fill failure?	Y / N / NA /NC
*9. Were erodible soils disturbed during construction stabilized to prevent the potential to deliver to typed waters?	Y / N / NA /NC
10. Were culverts sized properly for the bankfull width, with consideration for debris?	Y/N/NA/NC
*11. Did the culvert installation prevent scouring of the stream bed and erosion of the banks in the vicinity of the project?	Y / N / NA /NC
Attach any photo documentation to this form or send labeled photos with date, FPA leslie.lingley@wadnr.gov (jpgs are okay as long as FPA # and descriptions are atta	
Comments:	
Signature	Date

Eastern and Western Washington Form #12 Temporary Crossings on Type N Water

FPA#	!	Date:		

Y= Yes, N=No, NA = Not applicable, NC =No consensus (Defer to FPF) *= Pertains to water quality protection. If no water then this should be checked as	NA
*1. Were alterations to the stream bed, bank or bank vegetation limited to that necessary for construction of the project?	Y/N/NA/NC
*2. Does the culvert, its embankments and fills have erosion protection to withstand a 100-year flood?	Y/N/NA/NC
3. Is the alignment and slope of the culvert on grade with the natural flow of the streambed?	Y/N/NA/NC
4. Are all culverts at least 24 inches for Type Np waters?	Y/N/NA/NC
*5. Are all culverts at least 18 inches in Washington or 15 inches in Eastern Washington for Type Ns waters?	Y/N/NA/NC
*6. Was slash or debris that reasonably may be expected to plug the culvert cleared for a distance of 50 feet above the culvert.	Y / N / NA / NC
*7. Was sediment delivery minimized?	Y / N / NA /NC
8. Do the entrances to all culverts have adequate catch basins and headwalls to minimize the possibility of erosion or fill failure?	Y/N/NA/NC
*9. Were erodible soils disturbed during construction stabilized to prevent the potential to deliver to typed waters?	Y / N / NA /NC
*10. Did the culvert installation prevent scouring of the stream bed and erosion of the banks in the vicinity of the project?	Y / N / NA /NC
11. Are the temporary water crossings identified on the FPA?	Y/N/NA/NC
12. Was the crossing used and installed after June 1 and removed by September 30 of the same year, unless conditioned otherwise?	Y/N/NA/NC
*13. Was the crossing designed to pass the highest peak flow event expected to occur during the length of time of its use?	Y/N/NA/NC
14. Is there a written plan for the abandonment and restoration of wetland crossings?	Y / N / NA / NC

Attach any photo documentation to this form or send labeled photos with date, FPA #, and description to leslie.lingley@wadnr.gov (jpgs are okay as long as FPA # and descriptions are attached.)
Comments: on back of page

Eastern and Western Washington Form #13 Fords

Y= Yes, N=No, NA = Not applicable, NC =No consensus (Defer to FPF) *= Pertains to water quality protection. If no water then this should be checked as	s NA
1. Were alterations to the stream bed, bank or bank vegetation limited to that necessary for construction of the project?	Y / N / NA / NC
2. Does the ford, its embankments and fills have erosion protection to withstand a 100-year flood?	Y/N/NA/NC
3. Is the alignment and slope of the ford on grade with the natural flow of the streambed?	Y / N / NA / NC
*4. Was sediment delivery minimized?	Y / N / NA /NC
*5. Were erodible soils disturbed during construction stabilized to prevent the potential to deliver to typed waters?	Y / N / NA /NC
6. Are entry and exit points for each ford located as close to perpendicular to the stream as possible? (not running adjacent or parallel)	Y/N/NA/NC
7. Are entry and exit points for each ford within 100 feet upstream or downstream of each other?	Y/N/NA/NC
8. Is the ford location shown on the FPA?	Y/N/NA/NC
9. Were Best Management Practices implemented for construction, maintenance, or use as required by conditions on the approved application?	Y/N/NA/NC
Attach any photo documentation to this form or send labeled photos with date, FP leslie.lingley@wadnr.gov (jpgs are okay as long as FPA # and descriptions are att	
Comments:	
Signature_	Date

Westside Form #14 Post Survey Evaluation

FPA #:	Date:	Time Spent:	Terrain: 0% - 30 / 31% - 50% / >51%	Vegetation: Open / Brushy / Very Brushy
DNR Survey Lead:	DOE Survey Rep:	WDFW Survey Rep:	Other Attendees: Representing:	Other Attendees: Representing:
Other Attendees: Representing	Other Attendees: Representing	Other Attendees: Representing		

Please fill out this section for each activity that was evaluated on the FPA. Form Number corresponds to the Ouestion numbers on this form

1. Pre-Survey Information (Form Did information on the FPA provide all information included on FPARS described? Were all exchanges, man	#1) adequate mea	onal documentation	e activities comple n required? Were	
2. No Inner Zone Harvest (Form #2) Status of Compliance: Exceeds/	Compliant/	Minor Deviation/		Out of Compliance
Subjective Non-Compliance Level:	Trivial/	Apparent/	Major/	No Consensus
3. Option 1 RMZ-Thinning From Be	low (Form #3)			
Status of Compliance: Exceeds/	Compliant/	Minor Deviation/		Out of Compliance
Subjective Non-Compliance Level:	Trivial/	Apparent/	Major/	No Consensus

Westside Form #14 (cont'd)

Subjective Non-Compliance Level: Trivial/ Apparent/ Major/ No Consensus 6. Wetlands (Form #6) Status of Compliance: Exceeds/ Compliant/ Minor Deviation/ Out of Complia Subjective Non-Compliance Level: Trivial/ Apparent/ Major/ No Consensus 7. Road Construction (Form #7) Status of Compliance: Exceeds/ Compliant/ Minor Deviation/ Out of Complia Subjective Non-Compliance Level: Trivial/ Apparent/ Major/ No Consensus 8. Road Maintenance (Form #8)	Status of Compliance: Exceeds/	Compliant/	Minor De	eviation/	Out of Compliance
Status of Compliance: Exceeds/ Compliant/ Minor Deviation/ Out of Complia Subjective Non-Compliance Level: Trivial/ Apparent/ Major/ No Consensus 5. Wetlands (Form #6) Status of Compliance: Exceeds/ Compliant/ Minor Deviation/ Out of Complia Subjective Non-Compliance Level: Trivial/ Apparent/ Major/ No Consensus 7. Road Construction (Form #7) Status of Compliance: Exceeds/ Compliant/ Minor Deviation/ Out of Complia Subjective Non-Compliance Level: Trivial/ Apparent/ Major/ No Consensus 8. Road Maintenance (Form #8)	Subjective Non-Compliance Level:	Trivial/	Apparent/	Major/	No Consensus
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5. Wetlands (Form #6) Status of Compliance: Exceeds/ Compliant/ Minor Deviation/ Out of Complia Subjective Non-Compliance Level: Trivial/ Apparent/ Major/ No Consensus 7. Road Construction (Form #7) Status of Compliance: Exceeds/ Compliant/ Minor Deviation/ Out of Complia Subjective Non-Compliance Level: Trivial/ Apparent/ Major/ No Consensus 8. Road Maintenance (Form #8)	Status of Compliance: Exceeds/	Compliant/	Minor De	eviation/	Out of Compliance
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7. Road Construction (Form #7) Status of Compliance: Exceeds/ Compliant/ Minor Deviation/ Out of Complia Subjective Non-Compliance Level: Trivial/ Apparent/ Major/ No Consensus 8. Road Maintenance (Form #8)		Compliant/	Minor De	eviation/	Out of Compliance
Status of Compliance: Exceeds/ Compliant/ Minor Deviation/ Out of Compliance Subjective Non-Compliance Level: Trivial/ Apparent/ Major/ No Consensus 8. Road Maintenance (Form #8)	Subjective Non-Compliance Level:	Trivial/	Apparent/	Major/	No Consensus
8. Road Maintenance (Form #8)		Compliant/	Minor De	eviation/	Out of Compliance
	Subjective Non-Compliance Level:	Trivial/	Apparent/	Major/	No Consensus
		Compliant/	Minor Deviation/		Out of Compliance
Subjective Non-Compliance Level: Trivial/ Apparent/ Major/ No Con	Subjective Non-Compliance Level:	Trivial/	Apparent/	Major/	No Consensu

Westside Form #14 (cont'd)

9. Road Abandonment (Form #9) Status of Compliance: Exceeds/	Compliant/	Minor Deviation/		Out of Compliance
Subjective Non-Compliance Level:	Trivial/	Apparent/	Major/	No Consensus
10. Landings (Form #10) Status of Compliance: Exceeds/	Compliant/	Minor Deviation/		Out of Compliance
Subjective Non-Compliance Level:	Trivial/	Apparent/	Major/	No Consensus
11. Permanent Crossings on Type Status of Compliance: Exceeds/	nt Crossings on Type N Waters (Form #11) bliance: Exceeds/ Compliant/ Minor Deviation/			
Subjective Non-Compliance Level:	Trivial/	Apparent/	Major/	No Consensus
12. Temporary Crossings on Type I Status of Compliance: Exceeds/	N Waters (Form Compliant/	n # 12) Minor Deviation/		Out of Compliance
Subjective Non-Compliance Level:	Trivial/	Apparent/	Major/	No Consensus
13. Fords on Type N Waters (Form Status of Compliance: Exceeds/	#13) Compliant/	Minor Deviation/		Out of Compliance
Subjective Non-Compliance Level: Signatures of representatives and	Trivial/ l date	Apparent/	Major/	No Consensus